What is claimed is:

1. A separator for a fuel cell consisting of a complex which is configured by bonding graphite powder by means of a thermosetting resin, wherein

in said complex, a composition ratio of said graphite powder is set to 85 to 97 wt.%, a composition ratio of said thermosetting resin is set to 3 to 15 wt.%,

an average particle diameter of said graphite powder is set to a range of 15 to 125 μm, and

said complex is molded at a pressure of 10 to 100 MPa.

2. A separator for a fuel cell according to claim 1, wherein the composition ratio of said thermosetting resin in said complex is set to a range of 4 to 9 wt.%.

3. A separator for a fuel cell according to claim 1, wherein the average particle diameter of said graphite powder is set to a range of 40 to 100 μm.

4. A separator for a fuel cell according to claim 2, wherein the average particle diameter of said graphite powder is set to a range of 40 to 100 μm.

5. A separator for a fuel cell according to claim 1, wherein the molding pressure of said complex is set to a range of 20 to 50 MPa.

6. A separator for a fuel cell according to claim 1, wherein said thermosetting resin is phenol resin.

7. A separator for a fuel cell according to claim 2,

~~wherein said thermosetting resin is phenol resin.~~

8. A method of producing a separator for a fuel cell configured by molding a complex in which composition ratios are set to 85 to 97 wt.% of graphite powder, and 3 to 15 wt.% of a thermosetting resin, and an average particle diameter of said graphite powder is set to a range of 15 to 125 μm, wherein

said complex is previously cold-molded into a shape similar to a final molded shape, and

said preliminary molded member is then placed in a mold, and molded into the final shape by applying a pressure of 10 to 100 MPa.

9. A method of producing a separator for a fuel cell according to claim 8, wherein the composition ratio of said thermosetting resin in said complex is set to a range of 4 to 9 wt.%.

10. A method of producing a separator for a fuel cell according to claim 8, wherein the average particle diameter of said graphite powder is set to a range of 40 to 100 μm.

11. A method of producing a separator for a fuel cell according to claim 8, wherein the molding pressure of said complex is set to a range of 20 to 50 MPa.

12. A method of producing a separator for a fuel cell according to claim 9, wherein the molding pressure of said complex is set to a range of 20 to 50 MPa.

13. A method of producing a separator for a fuel cell according to claim 8, wherein a final molding temperature of said complex is set to a range of 150 to 170°C.

14. A method of producing a separator for a fuel cell according to claim 8, wherein dimensions of said preliminary molded member before molding and in a direction of the molding pressure are set to be about 1.0 to about 2.0 times dimensions of said final molded member.

15. A method of producing a separator for a fuel cell according to claim 12, wherein dimensions of said preliminary molded member before molding and in a direction of the molding pressure are set to be about 1.0 to about 2.0 times dimensions of said final molded member.